

**EAST Search History****EAST Search History (Prior Art)**

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"7041598"	"7045015"
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S15	105	( "20020105092"   "20020113324"   "20020125566"   "20030003724"   "3648131"   "3761782"   "4772936"   "4833521"   "4862322"   "4948754"   "4998159"   "5082802"   "5138434"   "5147815"   "5168345"   "5216278"   "5239198"   "5246880"   "5281151"   "5289346"   "5291062"   "5311057"   "5327008"   "5327013"   "5334857"   "5355283"   "5365409"   "5376825"   "5379191"   "5384487"   "5386142"   "5386341"   "5399903"   "5422163"   "5424492"   "5438224"   "5440171"   "5454160"   "5455445"   "5483101"   "5490040"   "5490324"   "5497397"   "5498767"   "5502289"   "5506756"   "5521435"   "5523622"   "5593927"   "5604379"   "5643830"   "5646828"   "5677576"   "5683942"   "5710071"   "5715144"   "5726489"   "5736456"   "5741729"   "5759047"   "5762744"   "5817986"   "5844304"   "5851911"   "5872051"   "5950304"   "5973389"   "5973396"   "5984691"   "5992012"   "5994766"   "6011314"   "6018196"   "6020220"   "6025647"   "6048753"   "6133626"   "6147413"   "6165815"   "6166444"   "6168969"   "6169329"   "6181010"   "6198169"   "6204559"   "6225143"   "6232666"   "6242815"   "6255671"   "6261375"   "6278177"   "6287893"   "6287976"   "6316839"   "6322903"   "6323134"   "6329608"   "6340606"   "6426562"   "6429096"   "6537482"   "6800930"   "6864172"   "7022609"   "7232754").PN. OR ("7419852").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/31 10:00
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S16	104	("20020113324"   "3648131"   "3761782"   "4772936"   "4833521"   "4862322"   "4948754"   "4998159"   "5082802"   "5138434"   "5147815"   "5168345"   "5216278"   "5239198"   "5246880"   "5281151"   "5289346"   "5291062"   "5311057"   "5327008"   "5327013"   "5334857"   "5355283"   "5365409"   "5376825"   "5379191"   "5384487"   "5386142"   "5386341"   "5399903"   "5422163"   "5424492"   "5438224"   "5440171"   "5454160"   "5455445"   "5483101"   "5490040"   "5490324"   "5497397"   "5498767"   "5502289"   "5506756"   "5521435"   "5523622"   "5593927"   "5604379"   "5643830"   "5646828"   "5677576"   "5683942"   "5710071"   "5715144"   "5726489"   "5736456"   "5741729"   "5759047"   "5762744"   "5817986"   "5844304"   "5851911"   "5872051"   "5950304"   "5973389"   "5973396"   "5984691"   "5992012"   "5994766"   "6011314"   "6018196"   "6020220"   "6025647"   "6048753"   "6133626"   "6147413"   "6165815"   "6166444"   "6168969"   "6169329"   "6181010"   "6198169"   "6204559"   "6225143"   "6232666"   "6242815"   "6255671"   "6261375"   "6278177"   "6287893"   "6287976"   "6316839"   "6322903"   "6323134"   "6329608"   "6340606"   "6426562"   "6429096"   "6518089"   "6746938"   "6800930"   "6838377"   "6864172"   "7022609"   "7232754").PN. OR ("7435620").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/31 10:00
S17	499	S14 S15 S16	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 10:00

S18	290	S17 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 10:00
S19	10	("5024966"   "5998292"   "6359382"   "6664485"   "6809025"   "6858891"). PN. OR ("7265052").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/31 10:23
S20	241425	( (through or thru) with (silicon or substrate or wafer or board) with (via or hole or opening or inter \$connect\$4 or wiring or wire or electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 10:26
S21	5067	(257/E23.169-E23.178). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/31 10:34
S22	4149	(257/621,774).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/31 10:34
S24	8735	((438/629,630,637- 640,668,672,675,) or (257/ E21.597)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/31 10:35
S25	9037	S21 or S22 or S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 10:37
S26	4265	S25 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 10:38
S27	971	(bump\$3) with ( separate\$4 or extend\$4 or away) same S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 10:41
S28	83	S27 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 10:41

S29	3617	(257/774).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/31 10:43
S30	1759	S29 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 10:43
S31	27	S27 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 10:43
S32	83	S31 or S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 10:44
S33	2261	(bump\$3 or ball) with ( separat\$4 or extend\$4 or away) same S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 12:23
S34	165	S33 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 12:24
S35	4	("20050064707") or ("6479382").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/31 15:44
S36	3	("6936536") or ("20040072422")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/31 15:47
S37	3	("7091124") or ("20050104228")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/31 15:59

S38	83	("20050127478"   "3345134"   "5107328"   "5128831"   "5138434"   "5252857"   "5518957"   "5593927"   "5677566"   "5883426"   "5891797"   "5925930"   "5933713"   "5938956"   "5946553"   "5986209"   "5990566"   "6018249"   "6020624"   "6020629"   "6028365"   "6048755"   "6051878"   "6066514"   "6072233"   "6072236"   "6080291"   "6081429"   "6089920"   "6097087"   "6107122"   "6114240"   "6130474"   "6148509"   "6150717"   "6153924"   "6175149"   "6188232"   "6201304"   "6212767"   "6214716"   "6225689"   "6228548"   "6232666"   "6235554"   "6239489"   "6247629"   "6258623"   "6259153"   "6261865"   "6265766"   "6281042"   "6281577"   "6285204"   "6294839"   "6297547"   "6303981"   "6310390"   "6326698"   "6329222"   "6331221"   "6429528"   "6432796"   "6437586"   "6483044"   "6548376"   "6552910"   "6560117"   "6564979"   "6607937"   "6614092"   "6620731"   "6667551"   "6703310").PN. OR ("7091124").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/31 16:03
S39	57	("4806111"   "5229647"   "5438212"   "5622097"   "6013948").PN. OR ("6667551").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/31 16:04
S40	2	("20040063268").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/31 16:10
S41	2	("20040207081").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 07:22

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